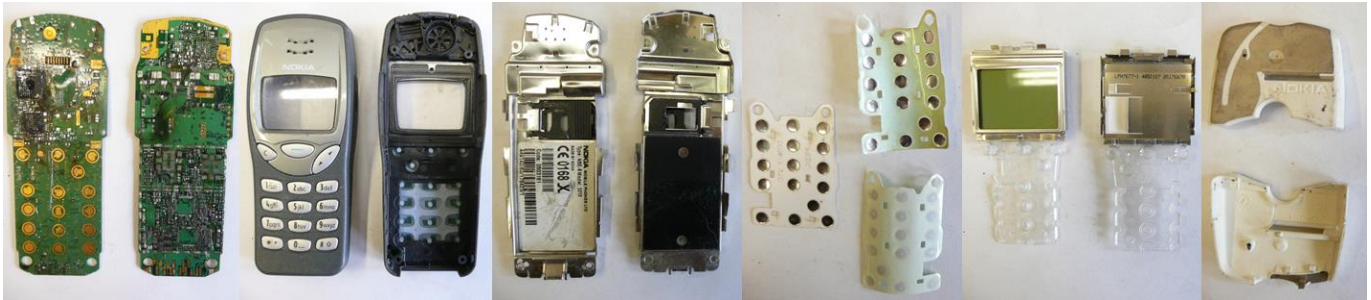


14 – IDENTIFICATION & RECOVERY OF VALUABLE METALS FROM RESIDUAL FRACTIONS



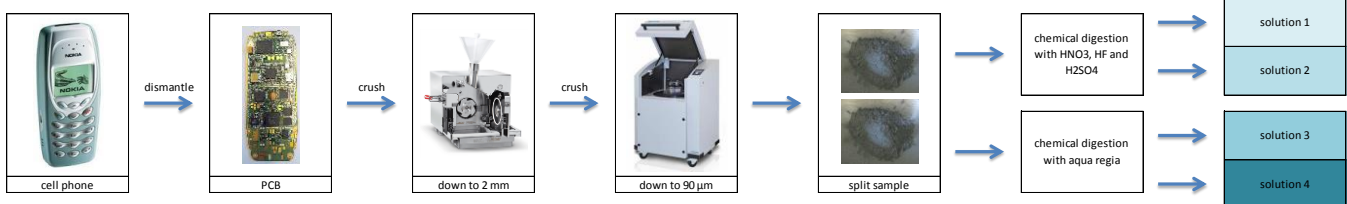
ADIR RESIDUAL FRACTIONS

Typical residual fractions from the ADIR process are housing materials from mobile phones and processed PCBs. These material streams are comparable with WEEE-materials which are processed at Aurubis.

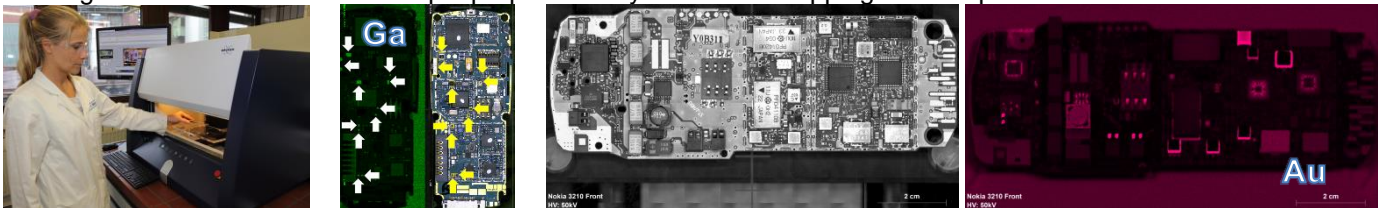


MATERIAL SAMPLING AND ANALYTICAL METHODS FOR IDENTIFICATION OF VALUABLE METALS

Investigations on single mobile phones by dismantling and crushing followed by wet analytical methods



Investigations on PCBs without sample preparation by elemental mapping with 2D μ -XRF



RECOVERY OF VALUABLE METALS FROM RESIDUAL FRACTIONS

The recovery of valuable metals from all residual fractions can be done at Aurubis using the implemented industrial standard processes at the Aurubis plants in Lünen and Hamburg.

